Model 100LCI-T Specifications and Dimensions

STANDARD FEATURES:
- 1 HP drive, 115 volt, 50/60 Hz, single phase, 20 amp motor
- Mixer and controls are wired and include a cord and plug
- IP55/NEMA 12 motor
- Variable speed control from 500 - 10,000 rpm (+/- 1% speed accuracy)
- Color touch screen control and display including RPM, percent of load, batch timer and temperature (up to 300°F or 150°C)
- Electronic Push-Button Lift
- Stainless Steel type 316 wetted parts
- Sturdy frame for bench mounting
- All non-Stainless Steel external surfaces coated with a white two-part epoxy paint
- Easy to disassemble and clean

AVAILABLE MIXING ATTACHMENTS:
- HSM Attachment: High Shear Rotor/Stator attachment complete with disintegrating, slotted and fine screen stator heads. Attachment is equipped with a Teflon bushing
- Inline HSM Attachment: Inline attachment complete with disintegrating, slotted and fine screen stator heads
- HSD Attachment: High Speed Disperser and propeller mixer attachment
- Micro HSM Attachment: High Shear Micro Rotor/Stator attachment for batches between 50 mL and 500 mL
- Quad HSM Attachment: Quad (four stage) attachment for ultra-fine emulsions and dispersions

AVAILABLE OPTIONS:
- Down-thrust propeller for standard rotor/stator attachment
- Bronze, glass-filled Teflon or Stellite bushing for standard rotor/stator attachment
- 80 mesh fine screen or large square hole stator heads for standard rotor/stator attachment
- Temperature probe with beaker clip. Temperature is displayed on the digital readout
- Vessel/Beaker clamp attachment
- Optional voltages: 190 - 230 V, 50/60 Hz
- Hastelloy product contact surfaces

<table>
<thead>
<tr>
<th>Model</th>
<th>RPM</th>
<th>Overall Raised Height</th>
<th>Overall Lowered Height</th>
<th>Overall Width</th>
<th>Overall Length</th>
<th>Distance Between Feet</th>
<th>Water Capacity</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>100LCI-T</td>
<td>500 - 10,000</td>
<td>39 3/8”</td>
<td>24 1/2”</td>
<td>15”</td>
<td>22 5/8”</td>
<td>12”</td>
<td>0.3 - 4 gal.</td>
<td>62 lbs</td>
</tr>
<tr>
<td></td>
<td>1000 mm</td>
<td>622 mm</td>
<td>381 mm</td>
<td>575 mm</td>
<td>305 mm</td>
<td>1.1 - 15 L</td>
<td>28 kg</td>
<td></td>
</tr>
</tbody>
</table>

CHARLES ROSS & SON COMPANY
P.O. Box 12308, 710 Old Willets Path, Hauppauge, NY 11788
- Telephone: 631-234-0500 • Fax: 631-234-0691
- Website: www.mixers.com • Email: sales@mixers.com
Model 100LCI-T Attachments

<table>
<thead>
<tr>
<th>Attachment</th>
<th>Rotor Diameter (A)</th>
<th>Lower Flange Diameter (B)</th>
<th>Shaft Length (C)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Inches</td>
<td>Millimeters</td>
<td>Inches</td>
</tr>
<tr>
<td>HSM</td>
<td>1 3/8</td>
<td>34.9</td>
<td>2 1/2</td>
</tr>
<tr>
<td>HSD</td>
<td>2</td>
<td>50.8</td>
<td>N/A</td>
</tr>
<tr>
<td>Micro HSM</td>
<td>0.69</td>
<td>17.5</td>
<td>0.79</td>
</tr>
<tr>
<td>Quad HSM</td>
<td>1 3/8</td>
<td>34.9</td>
<td>N/A</td>
</tr>
<tr>
<td>Inline HSM</td>
<td>1 3/8</td>
<td>34.9</td>
<td>N/A</td>
</tr>
</tbody>
</table>